



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Cardinal Systems, Inc.
250 Rt. 61 South
Schuylkill Haven, PA 17972

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Rigid PVC Extrusions for Glass Block

APPROVAL DOCUMENT: Drawing No. A1035315REV-E, titled "Rigid PVC (Polyone 6935 White)", sheet 1 of 1 and No. A1040201REV-E, titled "Rigid PVC (Polyone 87416 White)", sheet 1 of 1, both dated 08/18/2005, with revision E dated 08/15/2014, prepared by Cardinal Systems, Inc., signed and sealed by Hermes F. Norero, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Extrusions under this Product Approval shall be permanently marked every 4 feet on the underside with the manufacturer's name or logo, city, state and the following statement "Miami-Dade County Product Control Approved or the initials MDCPCA."

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA renews and revises NOA # 13-0708.08 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



Signature
12/04/2014

NOA No. 14-0909.11
Expiration Date: December 1, 2020
Approval Date: December 11, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **A1035315REV-E**, titled "Rigid PVC (Polyone 6935 White)", sheet 1 of 1 and No. **A1040201REV-E**, titled "Rigid PVC (Polyone 87416 White)", sheet 1 of 1, both dated 08/18/2005, with revision E dated 08/15/2014, prepared by Cardinal Systems, Inc., signed and sealed by Hermes F. Norero, P.E.

B. TESTS "Submitted under NOA # 05-0912.08"

	Laboratory Report	Test	Extrusion	Date	Signature
1.	ETC-04-985-15523.1	ASTM D2843	Channel & Spacer	06/07/05	J.L. Doldan, P.E.
2.	ETC-04-985-15523.1	ASTM D635	Channel & Spacer	06/07/05	J.L. Doldan, P.E.
3.	ETC-04-985-15523.1	ASTM D1929	Channel & spacer	06/07/05	J.L. Doldan, P.E.
5.	ETC-04-985-15523.1	ASTM D638	Channel & spacer	06/07/05	J.L. Doldan, P.E.
6.	ETC-04-985-15523.1	ASTM D638	Channel & Spacer	06/07/05	J.L. Doldan, P.E.
7.	ETC-04-985-15523.1	Addendum	Channel & Spacer	10/18/05	J.L. Doldan, P.E.

C. CALCULATIONS:

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2010 and the 5th edition (2014) FBC and no financial interest issued by Building Drops, Inc., dated 08/15/2014, signed and sealed by Hermes F. Norero, P.E.

"Submitted under NOA # 13-0708.08"

2. Articles/Certificate of Merger dated 12/31/2012.


12/04/2014

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 14-0909.11

Expiration Date: December 1, 2020
Approval Date: December 11, 2014

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0909.11
Expiration Date 12/31/2020
By *[Signature]*
Miami Dade Product Control

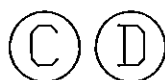
EXTRUDED PART

PRODUCT PROPERTIES (AVG OF SAMPLES A AND B)

TEST DESCRIPTION	TEST METHOD	TEST RESULTS
SELF IGNITION TEMP.	ASTM D 1929	1020 F
SMOKE DENSITY RATING (MAX.)	ASTM 2843	63.5 %
AVERAGE TIME OF BURNING	ASTM D635	5 SEC
AVERAGE EXTENT OF BURNING	ASTM D635	15 mm
YIELD STRENGTH (MEAN) BEFORE *	ASTM D638	6277.5 PSI
YIELD STRENGTH (MEAN) AFTER *	ASTM D638	6669.2 PSI

* WEATHERING FOR OUTDOOR EXPOSURE PER CHAPTER 26 OF FLORIDA BLDG. CODE

NOTE:



THIS IS A COMPONENT APPROVAL AND DOES NOT INCLUDE AN EVALUATION OF STRUCTURAL PERFORMANCE OF THIS COMPONENT. SYSTEMS INCORPORATING THESE COMPONENTS SHALL APPLY FOR NOA TO THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION AND SHALL SUBMIT TEST REPORTS AND OTHER REQUIRED DOCUMENTS SHOWING THAT THE SYSTEM USING THESE COMPONENTS WILL RESIST THE LOADS ACCORDING TO CHAPTER 16 OF THE FBC.

RIGID PVC (POLYONE 6935 WHITE)

[Signature]
8-15-2014
HERMES F. NORRERO, P.E.
FL P.E. NO. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD.
DANIA BEACH, FL 33004

Letter	Revision	By	Date
E	REVISED FOR 5TH EDITION FBC	MSS	8-15-14
D	REVISED LOGO - NAME	KSS	6-26-13
D	REVISED FOR 2010 BLDG CODE	KSS	6-25-13
C	ADDED REF TO CODES FOR 2007	KSS	11-1-10
B	REVISED COMPANY NAME	KSS	7-20-10
B	REMOVED REF TO CODES	KSS	7-20-10
A	ADDED NOTES/PROPERTIES TABLE	KSS	10-19-05
A	REMOVED CONFIDENTIALITY BLOCK	KSS	10-19-05

DIE No. N/A

TOLERANCES UNLESS SPECIFIED

FRACTIONAL = +/-
ANGULAR = +/-

DECIMAL:
.X = +/-
.XX = +/-
.XXX = +/-

PAGE 1 OF 1



Quaker Plastics
EXTRUDERS & THERMOFORMERS
250 ROUTE 61 SOUTH
SCHUYLKILL HAVEN, PA 17972
PH. 570-385-4733
FX. 570-385-1318

DR. KSS	DATE 8-18-05
CHK.	DATE
APP.	DATE
DWG.#	A1035315REV-E

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 14-0909.11
 Expiration Date 12/01/2020
 By *[Signature]*
 Miami Dade Product Control

EXTRUDED PART

PRODUCT PROPERTIES (AVG OF SAMPLES A AND B)

TEST DESCRIPTION	TEST METHOD	TEST RESULTS
SELF IGNITION TEMP.	ASTM D 1929	990 F
SMOKE DENSITY RATING (MAX.)	ASTM 2843	71.2 %
AVERAGE TIME OF BURNING	ASTM D635	5 SEC
AVERAGE EXTENT OF BURNING	ASTM D635	15 mm
YIELD STRENGTH (MEAN) BEFORE *	ASTM D638	6771.9 PSI
YIELD STRENGTH (MEAN) AFTER *	ASTM D638	6670.5 PSI

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RIGID PVC (POLYONE 87416 WHITE)

HERMES E. NORRIS, P.E.
 FL P.E. NO. 73778
 BUILDING DROPS, INC.
 398 E. DANIA BEACH BLVD.
 DANIA BEACH, FL 33004

Letter	Revision	By	Date
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PAGE 1 OF 1

QUAKER
 PLASTICS
 A Division of Cardinal Systems Inc.

Cardinal
 Systems Inc.

Quaker Plastics
 EXTRUDERS & THERMOFORMERS
 250 ROUTE 61 SOUTH
 SCHUYLKILL HAVEN, PA 17972
 PH. 570-385-4733
 FX. 570-385-1318

DR. KSS	DATE 8-18-05
CHK.	DATE
APP.	DATE
DWG.# A1040201REV-E	